Adirondack Chair
Notes:
For more helpful information on the building process, be sure to watch the YouTube video tutorial which can be found on my channel AprilWilkersonDIY

https://www.youtube.com/user/AprilWilkersonDIY

Material:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Item</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>5</td>
<td>5/4x6x8' pressure treated deck boards</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>2-1/2&quot; 1/4&quot; bolts w/ washers and nuts</td>
<td></td>
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<tr>
<td>6</td>
<td>2 1/2&quot; lag bolts w/ washers</td>
<td></td>
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<tr>
<td>some</td>
<td>2&quot; screws</td>
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Build the Seat Assembly

Start by attaching the seat slats to the seat. I recommend using wood glue, and a countersink before driving in a 2" screw. Space the slats a part 1/8".
Attach the Front Legs

Attach the front legs by lining up the bottom hole of the front leg to the front hole on the main leg (seat). Use a 2 1/2" bolt with a washer and nut on the inside to secure it.

Make sure the back of the main leg (seat) is flat on the ground as well as the front legs, then use screws to attach the front horizontal support under the front of the seat.
Build the Back Assembly

Lay the two back arches down on a flat surface and attach the back slats. Use a counter sink and screws. Use one screw on the bottom of each slat and two on the upper. Leave a 1/4" gap in between the slats.
Position the Back into Place

Place the back assembly into place on the seat assembly and use a few clamps to temporarily hold it in place. The lower back arch should be flush with the main leg on left and right, then you should leave 1/8" between the slats of the back assembly and the last seat slat.
Attach the Arms

Build the two arm assembles. Predrill then use two screws to attach the small vertical support to the underside of each arm rest.

Now use a clamp to hold the vertical arm support to the front leg of the chair. Use a level to position it so that it’s sitting level. Once it is, use a 1/4" drill bit to transfer the top hole of the front leg to the vertical arm support. Use a 2 1/2" bolt, a washer and a nut to attach it.

Now attach the back of the arm to the upper back arch by pre drilling a hole and driving in a 2 1/2" lag bolt.

Note: The vertical arm support will come with a hole in it, but I recommend using the method I have lined out for you above so you can ensure your arm is level to your chair.
Attach the Back Linkage

Now attach the back linkage which makes the chair foldable. Use a 2 1/2" bolt with a washer and a nut to attach one side of the link to the back hole in the main leg. Pivot the other side until it lands on the lower back arch then predrill and use a 2 1/2" lag. Repeat on both sides then the chair should fold up easily. If it doesn't, make sure the five pivot joints aren't over tightened.
Attach the Leg Support

Fold the chair then attached the very last piece which is the back leg support. This can be butted up against the linkage pieces when the chair is folded then screwed down into the main leg.
Cutlist!

5 - 5/4" x 6" x 8'

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